

## **REMARKS**

### **STATUS OF CLAIMS**

Claims 1-3 and 5-16 have been pending.

Claims 1-3, 6, 8-10, and 12-14 remain rejected under 35 U.S.C. § 103(a) as being unpatentable over Whiting in view of Okada and Murashita; and claims 5, 7, and 11 remain rejected under 35 U.S.C. § 103(a) as being unpatentable over Whiting, Okada, and Murashita in view of Aoyama.

Claims 1-3, 8, 10 and 14 are amended.

Claims 15 and 16 are cancelled without disclaimer or prejudice.

Thus, claims 1-3, and 5-14 remain pending for reconsideration, which is respectfully requested.

No new matter has been added in this Amendment. The foregoing rejections are hereby traversed.

### **35 USC 103 REJECTIONS**

In item 7, on pages 21, line 7, of the Office Action, the Examiner asserts that the argued feature is not recited in the claims. In particular, in contrast to Whiting, Okada and Murashita, either alone or as combined, the present claimed invention provides as part of structured document compression a separated tag information stream 28 (see FIG. 6 and 19, and page 18, lines 25-26 and page 37, lines 4-26, of the present Application). However, regarding the claim recitation, using claim 1 as an example, "a tag information separating unit separating the identified tag from the character train stream and outputting as a tag information stream," it appears that the Examiner is not interpreting "***the tag information stream***" of claim 1 as containing only separated tags. Therefore, the independent claims 1, 10 and 14 are amended taking into consideration the Examiner's comment to further clarify the patentably distinguishing features of the present invention. The independent claims 1 and 14 are also amended to correct an error introduced in the claims in Amendment of September 22, 2003 when the cancelled dependent claim 4 features were incorporated in the independent claims by changing "alternately separating the tag information stored in the tag information storing unit and the code stream unit" to "alternately ~~separating~~selecting the tag information stored in the tag information storing unit and the code stream unit."

In particular, independent claims 1, 10, and 14 are amended to more clearly recite that the "tag information stream" comprises separated tags, by reciting, using claim 1 as an example, "a tag information separating unit separating the identified ~~tag tags~~ from the character train stream and ***outputting the separated identified tags as a tag information stream***" (emphasis added). Support for such claim amendments may be found, for example, in the Specification at page 18, lines 25-26, page 37, lines 4-26, and FIGS. 6-8, 10 and 19 (tag information stream 28). Therefore, the present claimed invention (as amended) is patentably distinguishable over Whiting, Okada and Murashita, either alone or as combined, because the present claimed invention clearly recites "***outputting the separated identified tags as a tag information stream,***" (stream 28 in FIGS. 6 and 19 of the present Application) which comprises separated tags, and, thus, distinct from other respective "stream" recitations in the claims for a "tag replaced character train stream" (stream 22 in FIGS. 6 and 19 of the present Application) and a "code stream" (stream 26 in FIGS. 6 and 19 of the present Application) that are output from "a tag code replacing unit arranging a tag code for identification to a position of the character train stream ~~in from which the identified tag was tags were~~ separated by the tag information separating unit and outputting a tag replaced character train stream" and output from "a character train coding unit coding the tag replaced character train stream including the tag code outputted from the tag code replacing unit and outputting a code stream."

In particular, Murashita, which is relied upon by the Examiner in page 5, lines 8-13, of the Office Action, for the present claimed invention's "a tag information storing unit storing the tag information stream separated by the tag information separating unit; ... and "a code switching unit alternately ~~separating~~selecting the tag information stream stored in the tag information storing unit and the code stream stored in the code storing unit and outputting the ~~separated~~selected stream," only discusses in column 3, line 50 to column 4, line 19, a single stream that includes both the code data and the tags, so that Murashita either alone and/or as combined with Whiting and/or Okada, does not disclose or suggest, and there is no obvious motivation to modify the relied upon references, to provide the present claimed invention's two streams of separated tag information stream 28 (i.e., "***outputting the separated identified tags as a tag information stream***") and coded tag-replaced character train stream 26, as shown in FIGS. 6 and 19 of the present Application, which are separately created, selectively switched (e.g., independent claims 1 and 14), output, and reconstructed (e.g., independent claim 10).

Therefore, in contrast to Whiting, Okada and Murashita, the present claimed invention as recited in independent claims 1 and 14, using claim 1 as an example, provides:

1. (CURRENTLY AMENDED) A data compressing apparatus generating code data from a character train stream constructed by a structured document including tags as identification information for expressing a document structure, comprising:
  - a tag information separating unit separating the identified ~~tag tags~~ from the character train stream and ***outputting the separated identified tags as a tag information stream***;
  - a tag code replacing unit arranging a tag code for identification to a position of the character train stream ~~in from~~ which the identified ~~tag was tags~~ were separated by the tag information separating unit and ***outputting a tag replaced character train stream***;
  - a character train coding unit coding the tag replaced character train stream including the tag code outputted from the tag code replacing unit and ***outputting a code stream***;
  - a tag information storing unit storing the tag information stream separated by the tag information separating unit;
  - a code storing unit storing the code stream formed by the character train coding unit; and
  - a code switching unit ***alternately separatingselecting the tag information stream stored in the tag information storing unit and the code stream stored in the code storing unit and outputting the separatedselected stream*** (emphasis added).

Independent claim 10 is drawn to a "data reconstructing apparatus reconstructing character train data" according to the present invention, and support for independent claim 10 can be found, for example, in FIG. 16 of the present Application.

In view of the claim amendments and the remarks, withdrawal of the rejection of pending claims and allowance of pending claims is respectfully requested.


**CONCLUSION**

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

Respectfully submitted,  
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